

**Total No. of Pages : 02**

**B.Sc. (Agriculture) (2014 & Onwards) (Sem.-2)**

**Subject Code : BSAG-201**

**Paper ID : [72356]**

**Max. Marks : 60**

1. SECTION-A is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. SECTION-B contains **FIVE** questions carrying **FIVE** marks each and students have to attempt **ANY FOUR** questions.
3. SECTION-C contains **THREE** questions carrying **TEN** marks each and students have to attempt **ANY TWO** questions.

**Q1 Define :**

- a. Prokaryote
- b. Viroid
- c. Biogas
- d. Photoautotrophs
- e. Bacteriophages
- f. Cyanobacteria
- g. Composting
- h. Fermentation
- i. Methanogens
- j. Probiotics

### SECTION-B

- Q2 Discuss the Germ theory of disease.
- Q3 Write a note on Bacterial Growth.
- Q4 Discuss the method of Biogas Production.
- Q5 Write a note on Biofertilizers.
- Q6 Enlist important features of Actinomycetes.

### SECTION-C

- Q7 Explain the mechanism of ATP generation in bacteria.
- Q8 Elaborate on the process of Biological Nitrogen Fixation.
- Q9 Discuss the Structure and properties of Bacteriophages.